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Part 4

INTEGRATED INFORMATION SUPPORT SYSTEM (IISS)
Volume III - Configuration Management
Part 4 - Schedule Control Document

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This technical report has been reviewed and is approved for publication.

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This document describes the technical enhancements made within each release of IISS.

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FOREWORD

This technical report covers work performed under Air Force Contract F33600-87-C-0464, DAPro Project. This contract is sponsored by the Manufacturing Technology Directorate, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio. It was administered under the technical direction of Mr. Bruce A. Rasmussen, Branch Chief, Integration Technology Division, Manufacturing Technology Directorate, through Mr. David L. Judson, Project Manager. The Prime Contractor was Integration Technology Services, Software Programs Division, of the Control Data Corporation, Dayton, Ohio, under the direction of Mr. W. A. Osborne. The DAPro Project Manager for Control Data Corporation was Mr. Jimmy P. Maxwell.

The DAPro project was created to continue the development, test, and demonstration of the Integrated Information Support System (IISS). The IISS technology work comprises enhancements to IISS software and the establishment and operation of IISS test bed hardware and communications for developers and users.

The following list names the Control Data Corporation subcontractors and their contributing activities:

SUBCONTRACTOR	ROLE
Control Data Corporation	Responsible for the overall Common Data Model design development and implementation, IISS integration and test, and technology transfer of IISS.
D. Appleton Company	Responsible for providing software information services for the Common Data Model and IDEF1X integration methodology.
ONTEK	Responsible for defining and testing a representative integrated system base in Artificial Intelligence techniques to establish fitness for use.
Simpact Corporation	Responsible for Communication development.
Structural Dynamics Research Corporation	Responsible for User Interfaces, Virtual Terminal Interface, and Network Transaction Manager design, development, implementation, and support.
Arizona State University	Responsible for test bed operations and support.

-SPECIAL NOTICE-

This document type was not applied by the DAPro project, Project 6203; consequently, it has not been evaluated or updated since the completion of Project 6202.

The following information was written and inserted as a foreword at the close of Project 6202:

"This is the Schedule Control Document (SCD) that was developed in this project to support the Technical Control Document (TCD). The TCD was developed to describe potential enhancements to the system. Both documents were developed using documentation tools on the Boeing IBM based on source files that were generated by the developers on the VAX. These source files were then moved to the IBM and processed to produce these documents. This SCD is published as it was produced by the IBM computer in order to preserve all of the special features including the index and page cross-references. If it were transferred to the Electronic Documentation System to achieve the standard format that is used in the rest of the project documentation, then the page numbering and all references to it would be lost. Thus, to preserve the maximum amount of information the formats are sacrificed in this document."

It should be noted that this last version of the SCD was published on July 17, 1984, and has not been updated since that time. Thus, it should be viewed as a reference on the enhancements being considered at that time without reference to schedule. It was, however, subsequently used by Boeing Military Aircraft Company (BMAC) as a basis for development of additional needs related to the Integrated Sheet Metal Center (ISMC). The resulting document was put into a different format and used for planning of the follow-on project, Project 6202.

Because of the dynamic nature of scheduling information, and the need to group functions into schedulable releases, it was decided that the SCD be used as the primary scheduling document, while the TCD would describe the functions that need to be provided with each release. Additional information can be obtained from the SCD on how the TCD and SCD interrelate.

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